

1258399

TO ALL TO WHOM IT MAY CONCERN: PRESENTLY, SHANE COOPER

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

December 08, 2004

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APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A
FILING DATE.

APPLICATION NUMBER: 60/518,545

FILING DATE: *November 07, 2003*

RELATED PCT APPLICATION NUMBER: PCT/US04/37127

Certified by

Jon W Dudas

Acting Under Secretary of Commerce
for Intellectual Property
and Acting Director of the U.S.
Patent and Trademark Office



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PTO/SB/16 (02-01)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53 (c).

Express Mail Label No. EV413351770US

INVENTOR(S)

Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
Richard Earl	Jones	Plainfield, Indiana

 Additional inventors are being named on the _____ separately numbered sheets attached heretoU.S. PTO
607519545
22241**TITLE OF THE INVENTION (280 characters max)**

RECORDING PRIMARY AND SAP AUDIO WITH A DVD RECORDER

**CORRESPONDENCE ADDRESS**

Direct all correspondence to:

 Customer Number
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<input checked="" type="checkbox"/> Firm or Individual Name	JOSEPH S. TRIPOLI, THOMSON LICENSING INC.				
Address	PATENT OPERATIONS.				
Address	P. O. BOX 5312				
City	PRINCETON	State	NJ	ZIP	08543-5312
Country	USA	Telephone	609-734-6834	Fax	609-734-6888

ENCLOSED APPLICATION PARTS (check all that apply) Specification Number of Pages
 CD(s), Number
 Drawing(s) Number of Sheets
 Other (specify)
 Application Data Sheet. See 37 CFR 1.76**METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT (check one)** Applicant claims small entity status. See 37 CFR 1.27.FILING FEE
AMOUNT (\$) A check or money order is enclosed to cover the filing fees The Commissioner is hereby authorized to charge filing

fees or credit any overpayment to Deposit Account Number:

 Payment by credit card. Form PTO-2038 is attached.

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

 No. Yes, the name of the U.S. Government agency and the Government contract number are: _____.Respectfully submitted,
SIGNATURE

Date

TYPED or PRINTED NAME

Robert B. Levy

REGISTRATION NO.
(if appropriate)TELEPHONE Docket Number: **USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT**

This collection of information is required by 37 CFR 1.51. The information is used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C., 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 160)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Richard Earl Jones
Examiner Name	
Group / Art Unit	
Attorney Docket No.	PU030299

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
Order
 Deposit Account:Deposit Account Number Deposit Account Name

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 375	Utility filing fee	<input type="text"/>
1002 340	2002 165	Design filing fee	<input type="text"/>
1003 530	2003 260	Plant filing fee	<input type="text"/>
1004 770	2004 375	Reissue filing fee	<input type="text"/>
1005 160	2005 80	Provisional filing fee	160
SUBTOTAL (1)			(\$ 160)

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
<input type="text"/>	<input type="text"/>	0	<input type="text"/>	0
<input type="text"/>	<input type="text"/>	0	<input type="text"/>	0
			<input type="text"/>	0

Large Entity

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 42	Independent claims in excess of 3
1203 290	2203 140	Multiple dependent claim, if not paid
1204 86	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

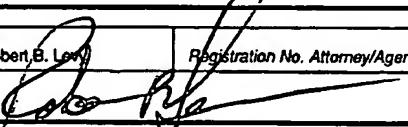
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	<input type="text"/>
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
1053 130	1053 130	Non-English specification	<input type="text"/>
1812 2,520	1812 2,520	For filing a request for reexamination	<input type="text"/>
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
1251 110	2251 55	Extension for reply within first month	<input type="text"/>
1252 420	2252 205	Extension for reply within second month	<input type="text"/>
1253 950	2253 465	Extension for reply within third month	<input type="text"/>
1254 1,480	2254 725	Extension for reply within fourth month	<input type="text"/>
1255 2,010	2255 985	Extension for reply within fifth month	<input type="text"/>
1401 330	2401 160	Notice of Appeal	<input type="text"/>
1402 330	2402 160	Filing a brief in support of an appeal	<input type="text"/>
1403 290	2403 140	Request for oral hearing	<input type="text"/>
1451 1,510	1451 1,510	Petition to institute a public use proceeding	<input type="text"/>
1452 110	2452 55	Petition to revive – unavoidable	<input type="text"/>
1453 1,330	2453 650	Petition to revive – unintentional	<input type="text"/>
1501 1,330	2501 650	Utility issue fee (or reissue)	<input type="text"/>
1502 480	2502 235	Design issue fee	<input type="text"/>
1503 640	2503 315	Plant issue fee	<input type="text"/>
1460 130	1460 130	Petitions to the Commissioner	<input type="text"/>
1807 50	1807 50	Processing fee under 37 CFR 1.17 (q)	<input type="text"/>
1806 180	1806 180	Submission of Information Disclosure Stmt	<input type="text"/>
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
1809 770	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
1810 770	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
1801 770	2801 375	Request for Continued Examination (RCE)	<input type="text"/>
1802 900	1802 900	Request for expedited examination of a design application	<input type="text"/>

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY		Complete if applicable			
Name (Print/Type)	Signature	Registration No. Attorney/Agent	28,234	Telephone	609-734-6820
Robert B. Levy				Date	November 7, 2003

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Express mail Label no. EV413351770US

Docket #
PU 030299

A. Brief summary of the invention

This invention allows both the primary and secondary (SAP) audio of an NTSC broadcast to be recorded as two separate audio streams by a DVD recorder.

B. Keywords: list keywords or combinations of keywords to guide patent and literature searches. Underline the most important keywords

DVD Recorder, DVD+R, DVD+RW, DVD+VR, DVD-RW, DVD-R, SAP, NTSC

C. Brief discussion of the problem solved by the invention

NTSC allows both primary and secondary (SAP) audio signals to be broadcast. Currently, the consumer must select ahead of time which of the two audio signals will be recorded along with the video by the DVD recorder. This invention allows both audio signals to be recorded so that the consumer can select between the primary and secondary audio during playback of the recording.

D. Discussion of how you or others have implemented similar things in the past, including the manner in which others have attempted to solve the problem. Point out disadvantages and weaknesses in previous practice. Include literature references where available

Currently the consumer must select ahead of time which audio (primary or SAP) will be recorded by the DVD recorder.

E. Description of the invention, including one or more practical embodiments of the invention in sufficient detail to allow one with ordinary skill in the art to practice the invention. Point out important features and items you believe to be new. State advantages of the invention and sacrifices, if any, made to achieve these advantages. Describe any experiments conducted and the results of those experiments

The foundation of this invention is the fact that the DVD+R/RW specification allows two audio streams to be recorded along with the video stream. This invention allows the user to configure a DVD Recorder to automatically record the SAP audio when it is available. In this case the DVD Recorder would record the primary audio as a



mono encoded audio stream (per the DVD Video specification) and the SAP audio as a second, separate mono encoded audio stream. In the case that the SAP audio isn't broadcast then the DVD Recorder would only record the primary audio as either a stereo or mono (if stereo isn't broadcast) encoded audio stream.

If the user doesn't configure the DVD Recorder to record the SAP audio then only the primary audio is recorded as either a stereo or mono encoded audio stream.

Document made available under the Patent Cooperation Treaty (PCT)

International application number: PCT/US04/037127

International filing date: 05 November 2004 (05.11.2004)

Document type: Certified copy of priority document

Document details: Country/Office: US
Number: 60/518,545
Filing date: 07 November 2003 (07.11.2003)

Date of receipt at the International Bureau: 13 December 2004 (13.12.2004)

Remark: Priority document submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b)



World Intellectual Property Organization (WIPO) - Geneva, Switzerland
Organisation Mondiale de la Propriété Intellectuelle (OMPI) - Genève, Suisse